

4/30/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Pa Di	
PO039683	ACI001-VC	3	1	Net 30	M304R4.000	304 SS Round Bar 4.000" ; MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE				2	5/7/2018	2		S066896	Stock	4/30/2018	\$ 155.97 / ft	0		
		5			M6061T6S2.250X13.500	6061-T6 Sheet 2.250" Thick x 13.500" Wide cut to size: 16.750" ; MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209				9		9		S066897	Stock	4/30/2018	\$ 252.00 / ft	0		
Total:										11		11								

Plex 4/30/2018 11:34 AM Dart, Dubois, Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039683**

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO039683
PO Date: 4/24/18
Due Date: 5/3/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
APR 24 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

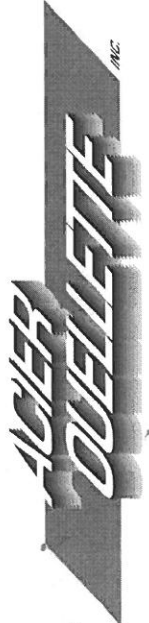
Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	MT-4140-S-0.375		AISI 4140 Steel Sheet : AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A829, AMS 6395	Firmed	5/3/18	48 sf	0 sf	48 sf	\$44.791666/sf	\$2,150.00
2	MT-4140-B-1.625X5.000		4140 Steel Bar 1.625 X 5.000 : MATERIAL: AISI 4140 / 4142 STEEL BAR MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626, MIL-S-24093 receive ft	Firmed	5/3/18	3 ft	0 ft	3 ft	\$88.33333/ft	\$265.00

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	M304R4.000		304 SS Round Bar 4.000" : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE	Firmed	4/27/18	2 ft	0 ft	2 ft	\$155.965/ft	\$311.93
4	MT-4140-B-2.250X8.000	CUT TO SIZE: 14.750"	AISI 4140 Steel Bar : Material: AISI 4140 STEEL BAR AS PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MIN. ROCKWELL C = 28 RC MAX. ROCKWELL C = 32 RC	Firmed	5/3/18	4.917 ft	0 ft	5 ft	\$174.92/ft	\$860.08
Line Item Note Please cut into 4 pieces of 14 3/4"										
5	M6061T6S2.250X13.500		6061-T6 Sheet 2.250" Thick x 13.500" Wide cut to size: 16.750" : MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A- 250/11 OR AMS-QQ-A- 250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209	Firmed	4/27/18	9 ft	0 ft	9 ft	\$252.00/ft	\$2,268.00
Line Item Note Please Cut into 9 pieces of 16 3/4"										
Grand Total:										\$5,855.01

Order Notes





ACIER OUELLETTE INC.
935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056
Date 2018/04/24
Delivery date **2018/04/30**
Your order N° 039683
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days
Page 1

Shipped to

Billed to
DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction	F-M	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
						CMD	EXP	B/O	IN	I	S	OUT
1		ROUND SS 4 304 RANDOM NS RSS-4-V 8415 1 X 24" LINE 3 AC15635-JH-26/04 HEAT: 448L	85.46	2.00	PI_\$CLB		1 X 24"		2			DAS 11 APR 3 2018 9-30
2		ALU PLATE 2 1/4 6061-T651 RANDOM PAL-2146061-V 7464 9 X 13 1/2" X 16 3/4" LINE 5 AC15635-JH-26/04 HEAT: 12-5366	454.00	14.13	PI2_\$CLB		9X		9PCS			DAS 11 APR 30 2018

Total Weight (Lbs) : 539.46 **NIR : R-109516-6**

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By :	Verified By :	Delivered By :	Time
Y M D			
18 04 30			

Customer's Signature

Date

Dark

PO 10000 N

Certificate of Mill Test Results

PO/Rel: 85657 PART NO. Signed by: BL PEC-000000-000 Pg 1/1



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 313610 2 Mail To: Ship To: Date: 7/19/2017 Page: 1
Customer: 007206 001 Steel: 304/304L
Your Order: PEC283928 NAS Order: PN 0081230 10 Finish: ST
Corrosion: ASTM A262-10 Frac A/E OK
Red Ratio: 4.7 :1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Smooth Turned, Cold Finished
UNS S30400/S30403, EN 10204 3.1, ASTM A484/16
ASTM A276/16A, ASTM A479/16A, ASTM A182/16A CHEM ONLY,
ASME SA479/16A, ASME SA182/16A CHEM ONLY
AMS 5639T, AMS 5647J, AMS Q38-763D, Q38-763F
NACE MR0175-09/MRO103-07 (MID RADIUS ONLY), ASTM F899/12B
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8
ASTM A193/10A-ASME SA193/10 CL 1 GR B8 (EXC PAR 7.2)

REMARKS:

COMPLIES W/REQUIREMENTS OF DPAR 252.225-7009 EU DIRECTIVE
2011/65/EU. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MPF
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI8248 0		4.0000		1.024	144.00	2	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

CM	C	%	CO	%	CR	%	CU	%	MN	%	MO	%	N	%	NI	%	P	%
US		.024		.16		18.75		.36		1.51		.28		.082		8.56		.029
S	%		SI	%														
		.0215		.26														

MECHANICAL PROPERTIES

Product Id	1 d	o i	HB	.2YS	UTS	KSI	RA	%	Elong	% 4D
BI8248 0										
	RL		173.0		49.00	90.00		57.00		42.00

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical Dept. Mgr.

85657

Dart

PO 15635 N



INSPECTION CERTIFICATE № 17.133420

EN 10204 - 3.1

7494

Consigner: KAMENSK URALSKY METALLURGICAL WORKS 5, Zavodskaya Str., Kamensk Uralsky, Sverdlovsk Region, 623405, Russia Tel: +7 (3439) 39 54 17 Fax: +7 (3439) 39 52 49				JOINT STOCK COMPANY							
Buyer: A.S. Mill Products, Inc. Consignee: A.S. MILL PRODUCTS, INC.				Quantity, pcs: 2 Net Weight, kg: 1410							
P.O. No: NJ AUG Article No: -				S.O. No: N17253 Item No: 1.1 Package No: 614904							
Description of Goods: Plates Grade of Product:				Requirements on the Product:							
Dimensions, inch (mm): 2.25"X48.5"X144.5" 57.150X1231.9X3670.3				Material conforms to quality of alloy: 6061 T651 Product conforms to all requirements of: ASME SB-209 Section II Part B (2010); ASTM B209-14; SAE AMS-QQ-A-250/11A (2008); SAE AMS 4027-Rev. N (2014). This product conforms to European Union RoHS Directive 2011/65/EU							
Mechanical Properties											
The Condition of Tested Standards	Lot No.	Heat lot No.	HT Charge No.	Sampling direction	Tensile Strength, Rm / Cut		Yield Strength, Rp0.2% / Clenching test		Elongation, %		Hardness, HBW
					min	max	min	max	min	max	
Required				LT	42.0	-	35.0	-	8	-	-
-	649085	12-6366	08014	LT	45.3	45.5	42.3	42.3	10.2	10.4	-
Chemical Composition, %											
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Zinc Zn	Titanium Ti			
Required	0.40 - 0.8	0.7	0.15 - 0.40	0.15	0.8 - 1.2	0.04 - 0.35	0.25	0.15	-	-	-
Contents	0.65	0.36	0.19	0.09	1.0	0.06	0.05	0.07	-	-	-
Element	Other Elements								Aluminum Al		
	Each								Total		
Required	-								0.05		0.15 remainder
Contents	-								0.05		0.15 remainder
Other Tests											
Method	Macro-structure	Micro-structure	UT	Kte	Electro-conductivity, IACS%	SCF	Contents H2 of metals cm3/100gr	Raw material used for manufacturing supplied products was tested for compliance with international radiation safety regulations during incoming inspection. Russia is country of melt and manufacture.			
Result	-	-	-	-	-	-	0.17				

On behalf:

KUMZ J.S.Co.

Date:

05.09.2017

QCB Inspector

Zyryanova K.V.

Inspection Department Engineer

Alekhina N.V.



The Certificate has been agreed electronically.

Form № QAD/3-003, Revision 03

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60646S2.250X13.500
 DATE: APR 30 2018

PO / BATCH NO.: 039683/5066897

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 9 pcs
 QUANTITY INSPECTED: 9 pcs
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 2.250
 THICKNESS RECEIVED: 2.250
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	(Y) (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	<u>Aston B209</u>
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	<u>Heat # 12-5366</u>
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89</u> <u>APR 30 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 6061-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS-4023 OR 4027
OR ASTM B209

△ PART NUMBER: M6061T6S XXX X W WWW
THK WIDTH

WHERE "XXX" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)
EG. 0.063" THICK SHEET = M6061T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M6061T6S.500X3.500

△ PREFERRED SIZE: XXX BY 4FT BY 8FT FOR SHEET

C	ADD PLATE AND T651 SPEC	ML	17.12.13
B	REFORMAT DWG. ADD B209 SPEC (ZN D8-1). REF PAR 08-020A	CP	08.07.13
A	NEW ISSUE	RF	01.08.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	ML	DATE
DRAWN	NO	NO	DATE
CHECKED	JFS	HS	DATE
MFG. APPR.	CP	CP	DATE
APPROVED	CP	CP	DATE
DE APPR.	CP	CP	DATE
DATE	17.12.13	CP	DATE

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. M6061T6S
SHEET 1 OF 1
TITLE 6061-T6 SHEET/PLATE SPEC
SCALE NTS

REV. C

APPROVED
2018 MAR 13
2018 MAR 13
2018 MAR 13

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 17304R4.000
DATE: APR 30 2018

PO / BATCH NO.: 039683/5066896

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 2
QUANTITY INSPECTED: 2
QUANTITY REJECTED: 0

THICKNESS ORDERED: 4.000
THICKNESS RECEIVED: 4.000
SHEET SIZE ORDERED: N/A
SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	Y (N)	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	Y (N)	
CORRECT MATERIAL PER M-DRAWING	Y (N)	Astm A276
CORRECT THICKNESS	Y (N)	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	Y (N)	Heat # 448L
CORRECT MATERIAL IDENTIFICATION	X (N)	
CORRECT M# ON THE MATERIAL	Y (N)	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u>	SIGNED OFF BY: _____
DATE: <u>9-89 APR 30 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION:

PART NUMBER:

ASTM A276
M304R D.DDD
D/A.

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M304R0.750

RELEASED
09/08/25/14

B	REFORMAT DWG. ADD SPECS (ZN D6-1).	CP	09.07.15
A	NEW ISSUE	AJS	08.03.03
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	GA		
CHECKED	GA		
MFG. APPR.	AS		
APPROVED	MD		
DE APPR.	MD		
DATE	09.07.15		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M304R			
SHEET 1 OF 1			
TITLE 304/316 ROUND BAR			
SCALE NTS			
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